PTO-1390 (Rev. 12-2004)
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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER

31671-211618 U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

CO	NCERNING A SUBMIS	10/5/17:663										
INTERN	NATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED									
TITI F (PCT/JP02/12908 OF INVENTION MODEL AN	December 10, 2002 NIMALS NON-RESPONSIVE TO MYCO	June 13, 2002									
	LIPOPROT	TEIN/LIPOPEPTIDE	JBACTERIA-ORIGIN									
Shizuo A	APPLICANT(S) FOR DO/EO/US Shizuo AKIRA											
	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:											
1. X	=	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.										
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.											
3. X	This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.											
4. ·	The US has been elected (Article 31).											
5. X	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))											
a.	is attached hereto (required only if not communicated by the International Bureau).											
b.	X has been communicated by the International Bureau.											
c.	is not required, as the application was filed in the United States Receiving Office (RO/US).											
6. X	An English language translati	ion of the International Application as filed	(35 U.S.C. 371 (c)(2)).									
a.	. X is attached hereto.	X is attached hereto.										
b.	has been previously subm	mitted under 35 U.S.C. 154(d)(4).										
7. X	Amendments to the claims of	f the International Application under PCT A	Article 19 (35 U.S.C. 371 (c)(3))									
a.	are attached hereto (requi	are attached hereto (required only if not communicated by the International Bureau).										
b.	have been communicated by the International Bureau.											
C.	have not been made; how	have not been made; however, the time limit for making such amendments has NOT expired.										
d.	A have not been made and	will not be made.										
8.	An English language translatio	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).										
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).											
10.	→ Article 36 (35 U.S.C. 371 (c)(5)	••	liminary Examination Report under PCT									
	7	ument(s) or information included:										
11. X	₹	atement under 37 CFR 1.97 and 1.98.										
12.	₹	ecording. A separate cover sheet in complian	nce with 37 CFR 3.28 and 3.31 is included.									
. ==	A preliminary amendment.											
'14. X] ''	der 37 CFR 1.76.										
15.	A substitute specification.											
16.	A power of attorney and/or change of address letter.											
17.	≒ -	he sequence listing in accordance with PC1										
18.	A second copy of the publishe	ed International Application under 35 U.S.0	C. 154(d)(4).									
19.	₹	language translation of the international a										
20. X	Other items or information: In	nternational Search Report, Drawings (8 she	eets), Forms PCT/IB/304 and PCT/IB/308									

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U.S. APPLICATION NO. ((LAROW), Sep. 37 CFR 1.5) INTERNATIONAL APPLICATION AND							ATTORNEY'S DOCKET NUMBER 31671-211618					
21. The following fees are submitted:												
x a) Basic	national fee	\$	300.00									
x b) Examination fee\$200.00								200.00				
x c) Search fee\$500.00								500.00				
	TOTAL OF A	\$	1,000.00									
sequenc	al fee for specit e listing or com each additiona											
\$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 of thereof (round up to a whole recording to the sheet).						RATE	1					
- 100 =	- 100 = /50 =			× \$250.00								
Surcharge of \$1 from the earliest		\$										
CLAIMS	CLAIMS NUMBER FILED			IBER EXTRA	R	ATE						
Total claims	Total claims 19- 20 =			0	х	50.00	\$					
Independent cla		2 - 3 =		0	×	200.00	\$					
MULTIPLE DEP	ENDENT CLA	MM(s) (if applic		TAL OF ABOVE		710110	\$ \$	 _				
TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above								- '-, ,	1,000.00			
are reduced by 1/2.								\$ 1,000.00				
Processing fee of		s		1,000.00								
from the earliest	claimed phont	\$ 1,000.00										
Fee for recording	the enclosed a	\$										
accompanied by	an appropriate	\$ 1,000.00										
		Amount to		\$								
1							Amount to		\$			
a. A che	eck in the amo	ount of \$	-		to cover th	e above fees						
b. X Please charge my Deposit Account No. 22-0261 in the amount of \$ 1,000.00 to cover the above fees. A duplicate copy of this sheet is enclosed.												
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any												
overpayment to Deposit Account No. 22-0261 . A duplicate copy of this sheet is enclosed.												
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card												
Information should not be included on this form. Provide credit card information and authorization on PTO-2038.												
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.												
SEND ALL CO	NCE TO:) Nhe	191	inberg							
					SIGNA	ATURE:	Robert Ki	inhera	7			
					NAME	:	. 100011 111					
CUSTOMER	NI IMPER: 1	96694					26,92	DA				
							REGISTRATION NUMBER					